REFERENCES

1. Lewis GB, B Schrire, Mackinder and M Lock (2005). Legumes of the World. Royal Botnaic Gardens, Kew.
2. Komutarin T, Azadi S, Butterworth L, Keil D, Chitsomboon B, Suttajit M, Meade BJ (2004). Extract of the seed coat of Tamarindus indica inhibits nitric oxide production by murine macrophages in vitro and in vivo. Food and Chemical To xicology 42, 649–658.
3. ICRAF – World Agroforestry Centre. ICRAF Agroforestry Tree Database: *Tamarindus indica* L., URL http://www.worldagroforestrycentre.org.
4. Kirtikar Basu , Bisen Singh , Maendar Pal Singh , (2006) Indian Medicinal Plants Pub : Lalit Mohan Basu page: 887-890 .
5. Kirtikar Basu , Bisen Singh , Maendar Pal Singh ,Indian Medicinal Plants Pub : Lalit Mohan Basu (2006) page: 887 .
6. Kirtikar Basu , Bisen Singh , Maendar Pal Singh ,Indian Medicinal Plants Pub : Lalit Mohan Basu (2006) page: 887-888 .
7. Iyer SR, 1995. *Tamarindus indica* Linn. In: Warrier, P.K., Nambiar, V.P.K., Kutty, C.R. (Eds.), Indian Medicinal Plants, vol. V. Orient Longman Limited, Madras, pp. 235–236.
8. Sarmah P C, (2011) Ethno antidiabetic plants of Assam , Volume: 2: Issue-4: Oct - Dec - page 246-251 .
9. Umesha S, Marahel S , Aberomand M Antioxidant and antidiabetic activities of medicinal plants: A short review Asian Pacific Journal of Tropical Biomedicine 1-12
10. Jayaprasad B, Thamayandhi D , Sharavanan P S (2012) Traditionally using antidiabetic medicinal plants in Tamil nadu International Journal of Research in Pharmaceutical and Biosciences 2(1) 1-8 .
11. Rastogii R P , Mehrotra B N, (1990-1994)Compendium of Indian Medicinal plants , Pub : CDRI New Delhi , Vol:5 , 187 .
12. Rastogii R P, Mehrotra B N , (1990-1994)Compendium of Indian Medicinal plants , Pub : CDRI New Delhi , Vol:1 , 187 .

13. Ramchander T, D Rajkumar, Sravanprasad M, Venkateshwarlu Goli, CH Dhanalakshmi, Arjun , (2012).Antidiabetic Activity of Aqueous Methanolic Extracts of Leaf of *Tamarindus indica.* International Journal of Pharmacognosy and Phytochemical Research , 4(1) ,5-7 .
14. Bhutkar MA. , S.B. Bhise ,(2011) Anti-Oxidative Effect of Tamarindus Indica in Alloxan Induced Diabetic Rats. International Journal of Research in Pharmaceutical and Biomedical Sciences. 2 (3) .
15. Jindal V, dingra D, Sharma S, Parel M , Harna R K ,(2011) Hypolipidemic and weight reducing activity of the ethanolic extract of Tammarindus indica fruit pulp extract in cafeteria diet and sulpiride-induced obese rats .Journal of Pharmacology and Pharmacotherapeutics . 2, 2.
16. De D, Chatterjee K, Ali K, Bera T K, Ghosh D (2011) Evidence-Based Complementary and Alternative Medicine Volume 2011, Article ID 892807, 11 pages
17. Shahraki M R, Harati M², ShahrakiA R . (2011) Prevention of High Fructose-Induced Metabolic Syndrome in Male Wistar Rats by Aqueous Extract of *Tamarindus Indica* Seed *Acta Medica Iranica*; 49(5): 277-283 .
18. PrashanthS , Kumar A A , Madhu B, Kumar Y P , **(**2010) Antihyperglycemic and antioxidant activity .of ethanolic extract of *madhuca longifolia* bark, Article-016 , 5(3) .
19. Fatima S S, Rajasekhar M D, Kumar K V, Sampath Kumar M T, Ramesh Babu K, Appa Rao C . (2010) Food and Chemical Toxicology Antidiabetic and antihyperlipidemic activity of ethyl acetate: Isopropanol (1:1) fraction of *Vernonia anthelmintica* seeds in Streptozotocin induced diabetic rats 48, 495–501.
20. Hamidreza Mahmoudzadeh-Sagheb, Zahra Heidari, Mohammadreza Shahraki and Bita Moudi , (2010)A stereological study of effects of aqueous extract of *Tamarindus indica* seeds on pancreatic islets in streptozotocin-induced diabetic rats . Pak. J. Pharm. Sci., 23,4,427-434 .
21. Wanga L , Zhang X T, Zhang H Y, Yao H Y, Zhang H ,(2010) .Effect of *Vaccinium bracteatum* Thunb. leaves extract on blood glucose and plasma lipid levels in streptozotocin-induced diabetic mice . Journal of Ethnopharmacology 130, 465–469.

22. Karthikesan K, Pari L, Menon VP ,(2010) . Antihyperlipidemic effect of chlorogenic acid and tetrahydrocurcumin in rats subjected to diabetogenic agents. Chemico-Biological Interactions. 188, 643–650.
23. Om Ali Y, El-Khawaga , Abou-Seif MA , El-Waseef A , Negm AA, (2010) Hypoglycemic, Hypolipidemic and Antioxidant Activities of *Cleome droserifolia* in Streptozotocin-Diabetic Rats . Journal of Stress Physiology & Biochemistry, 6, 4, 28-41.
24. Saritha V , Anilakumar KR , (2010) .Toxicological evaluation of methanol extract of *Aloe vera* in rats . International Journal on Pharmaceutical and Biomedical Research .1(5) , 142-149 .
25. Dhalwal K, Shinde V M, Singh B, Mahadik K R ,(2010) Hypoglycemic and Hypolipidemic Effect of *Sida rhombifolia* ssp. *retusa* in Diabetic Induced Animals International Journal of Phytomedicine 2, 160-165.
26. Lobo V C, Phatak A, Chandra N ,(2010)Antioxidant and Free Radical Scavenging Activity of *Hygrophila schulli (Buch.-Ham).* Seeds . Advance. Bioresearch .1 ,2,72-78
27. Kilani-Jaziri S , Bhouri W , Skandrani I , Limem I , Chekir-Ghedira L , Ghedira K,(2011) Phytochemical, antimicrobial, antioxidant and antigenotoxic potentials of *Cyperus rotundus* extracts . South African Journal of Botany 77 ,767–776 .
28. Arya V, Yadav S, Kumar S, Yadav JP , (2010)Antimicrobial Activity of *Cassia occidentalis* L (Leaf) against various Human Pathogenic Microbes. Life Sciences and Medicine Research, LSMR-9, 1-11 .
29. Pandit R, Phadke A , Jagtap A, (2010) . Antidiabetic effect of *Ficus religiosa* extract in streptozotocin-induced diabetic rats . Journal of Ethnopharmacology 128 462–466
30. Gupta S , Sharma S B , Bansal S K, Prabhu K M, (2009) . Antihyperglycemic and hypolipidemic activity of aqueous extract of *Cassia auriculata* L. leaves in experimental diabetes . Journal of Ethnopharmacology 123 , 499 -503
31. lodhi G, singh H K, Hamlesh k. Pant , Hussain Z ,(2009). Hepatoprotective effects of *Calotropis gigantea* extract against carbon tetrachloride Induced liver injury in rats. *Acta Pharm* . 59, 89–96
32. Vijaya C , Ramanathan M , Suresh B ,(2009) Lipid lowering activity of ethanolic extract of leaves of Aegle marmelos (Linn.) in hyperlipidemic model of Wistar albino rats .Indian Journal of Experimental Biology . 47,182-185 .

33. Gupta R, Gupta RS , (2009). Effect of *pterocarpus marsupium* in streptozotocin-induced hyperglycemic state in rats: comparison with glibenclamide . Diabetologia Croatica 38-2 .
34. Khatria A , Gargb A, Agrawal S S ,(2009) Evaluation of hepatoprotective activity of aerial parts of *Tephrosia purpurea* L. and stem bark of *Tecomella undulate* . Journal of Ethnopharmacology , 122 1–5 .
35. Bong Ju J , K Ji Su , Choi C W , Lee H K , Oha T K , Kima S C ,(2008) . Comparison between ethanolic and aqueous extracts from Chinese juniper berries for hypoglycaemic and hypolipidemic effects in alloxan-induced diabetic rats . Journal of Ethnopharmacology 115, 110–115 .
36. Kshirsagar A , Purnima A, ingawale D ,Vyawahare N, Ingale K and Hadambar A *(2009).* Antioxidant and hepatoprotective activity of ethanolic extract of *calotropis gigantea* against paracetamol induced liver damage in mice journal of cell and tissue, 9(2) 1859-1864.
37. Sharma B, Balomajumder C, Roy P ,(2008) .Hypoglycemic and hypolipidemic effects of flavonoid rich extract from *Eugenia jambolana* seeds on streptozotocin induced diabetic rats . Food and Chemical Toxicology 46 2376–2383.
38. Frode T S , Medeiros Y S, (2008) .Animal models to test drugs with potential antidiabetic activity . Journal of Ethnopharmacology 115, 173–183 .
39. Daniyan S Y , Muhammad H B, (2008) Evaluation of the antimicrobial activities and phytochemical properties of extracts of *Tamaridus indica* against some diseases causing bacteria. African Journal of Biotechnology. 7 (14), 2451-2453 .
40. Vanithadevi B, Anuradha C V, (2008) Effect of rosmarinic acid on insulin sensitivity, glyoxalase system and oxidative events in liver of fructose-fed mice. Int J Diabetes & Metabolism 16: 35-44 .
41. Setty S R, Quereshi, A A A.H.M. Viswanath Swamy, Tushar Patil, T. Prakash, K. Prabhu, A. Veeran Gouda (2007) Hepatoprotective activity of *Calotropis procera* flowers against paracetamol-induced hepatic injury in rats. Fitoterapia. 78, 451–454.
42. Dincel A S , S¸ Ereften A ¸ kgoz , Cemal C¸ evik , Sengelen M , Yes¸ilada E ,(2007) Effects of in vivo antioxidant enzyme activities of myrtle oil in normoglycaemic and alloxan diabetic rabbits Journal of Ethnopharmacology 110 , 498–503 .

43. Chandan B K , Saxena A K, Shukla S, Sharma N , Gupta D K, Suri K A , a Suri J , M Bhadauria M , SinghB , (2007). Hepatoprotective potential of *Aloe barbadensis* Mill. Against carbon tetrachloride induced hepatotoxicity. Journal of Ethnopharmacology . 111, 560–566.
44. Akhila J S, Shyamjith , Deepa, Alwar M C , (2007)Acute toxicity studies and determination of median lethal dose. Current science., 93, 7, 10
45. Maruf iftekhar A , Rayhan I, Quadir MA , Akhteruzzaman S, Hasnat A(2006) Effect of *tamarindus indica* fruits on blood pressure and lipid-profile in human model: an *in vivo* approach Pak. J. Pharm. Sci., 19(2): 125-129 .
46. Doughari J H,(2006)Antimicrobial Activity of *Tamarindus indica* Linn. Tropical Journal of Pharmaceutical Research, December; 5 (2): 597-603.
47. Martinello F, Soares S M , Franco J J, Santos A C , Sugohara A , Garcia SB , Curti C , Uyemura S A, (2006) Hypolipemic and antioxidant activities from *Tamarindus indica* L. pulp fruit extract in hypercholesterolemic hamsters . Food and Chemical Toxicology 44, 810–818 .
48. Maiti R, Jana D, Das U K, Ghosh D , (2004). Antidiabetic effect of aqueous extract of seed of *Tamarindus indica* in streptozotocin-induced diabetic rats. Journal of Ethnopharmacology. 92 85–91 .
49. Sabu M C , Kuttan R , (2004) Antidiabetic activity of *Aegle marmelos* and its relationship with its antioxidant properties . Indian J Physiol Pharmacol. 48 (1): 81–88
50. Ayse C A , Akev N, Ozsoy N, Bolkent S, Pelin Arda B, Yanardag R , Okyar A, (2004) . Effect of *Aloe vera* Leaf Gel and Pulp Extracts on the Liver in Type-II Diabetic Rat Models. Biol. Pharm. Bull. 27(5), 694—698.
51. Meral I , Yener Z , Kahraman T , Mert N , (2001).Effect of *Nigella sativa* on Glucose Concentration, Lipid Peroxidation, Anti-Oxidant Defence System and Liver Damage in Experimentally-Induced Diabetic Rabbits . J. Vet. Med. A 48, 593 -599.